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Report No.: 1702RSU01903
Report Version: V01
Issue Date: 03-08-2017

Co-location Report

FCC ID: 2AGN8-S21N11

APPLICANT: Sengled Co., Ltd.

Application Type: Certification

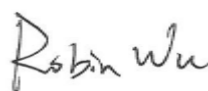
Product: Bluetooth Speaker LED lamp

Model No.: S21-N11, S21-N12

Brand Name: sengled

FCC Classification: FCC Part 15 Spread Spectrum Transmitter(DSS)
Digital Transmission System (DTS)

Test Date: February 23 ~ March 07, 2017

Reviewed By : 
(Robin Wu)

Approved By : 
(Marlin Chen)



The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.4-2014. Test results reported herein relate only to the item(s) tested.

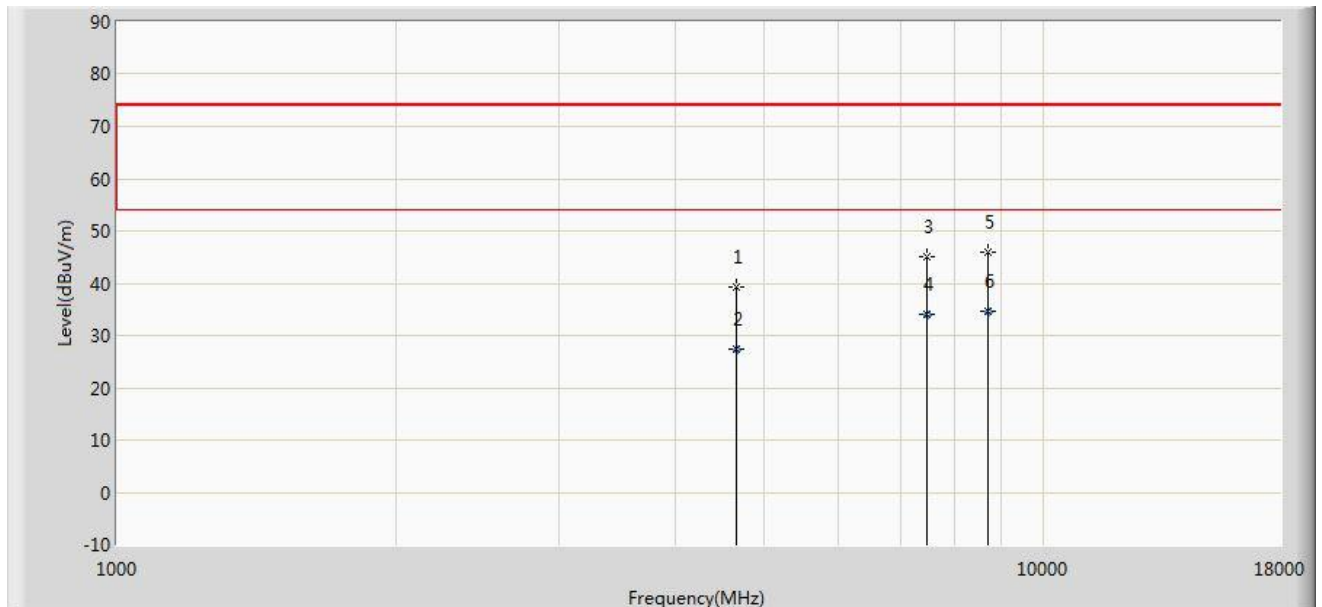
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Revision History

Report No.	Version	Description	Issue Date	Note
1702RSU01903	Rev. 01	Initial report	03-08-2017	Valid

1. Test Result of Radiated Emissions for Co-located

Test Mode:	2.4GHz (Bluetooth v3.0) and 2.4GHz (Bluetooth v4.0) Transmit	Test Site:	AC2
Test Engineer:	Vince Yu	Polarity:	Horizontal
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4655.000	39.348	37.188	-34.652	74.000	2.160	PK
2			4655.000	27.530	25.370	-26.470	54.000	2.160	AV
3			7468.500	45.205	37.065	-28.795	74.000	8.140	PK
4			7468.500	33.960	25.820	-20.040	54.000	8.140	AV
5		*	8692.500	45.972	36.975	-28.028	74.000	8.996	PK
6			8692.500	34.707	25.710	-19.293	54.000	8.996	AV

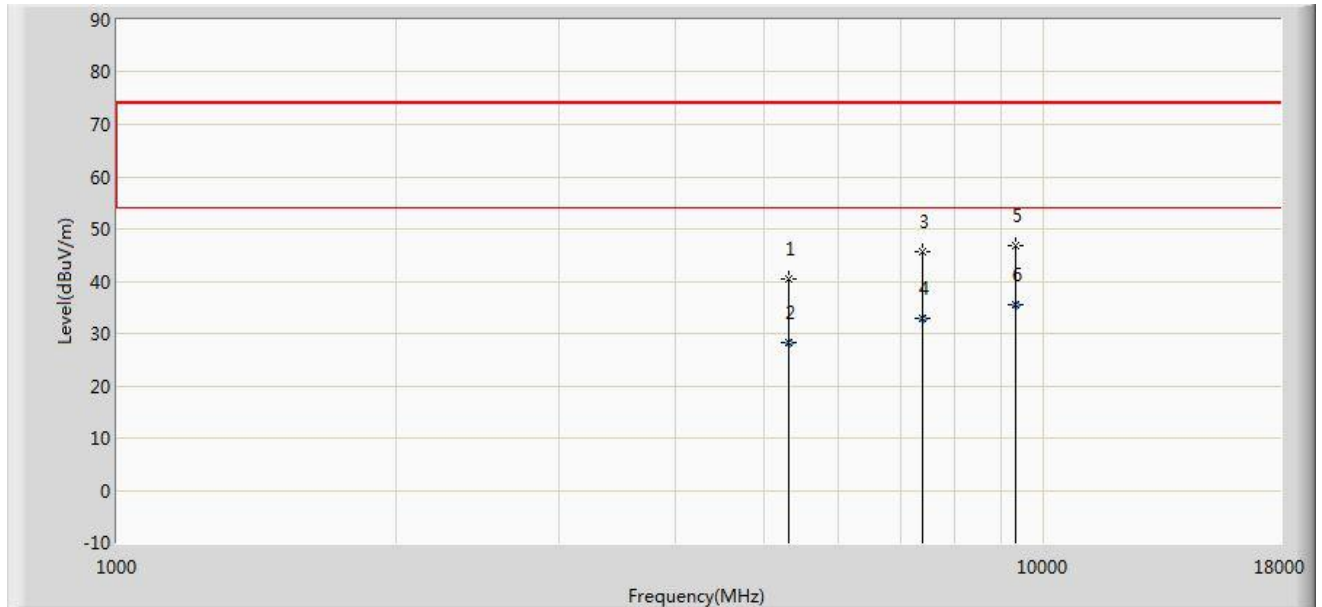
Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB).

Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the RF reports.

Test Mode:	2.4GHz (Bluetooth v3.0) and	Test Site:	AC2
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	2.4GHz (Bluetooth v4.0) Transmit		
Test Engineer:	Vince Yu	Polarity:	Vertical
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5309.500	40.578	37.481	-33.422	74.000	3.098	PK
2			5309.500	28.197	25.100	-25.803	54.000	3.098	AV
3			7409.000	45.531	37.577	-28.469	74.000	7.954	PK
4			7409.000	32.884	24.930	-21.116	54.000	7.954	AV
5		*	9313.000	46.673	36.306	-27.327	74.000	10.367	PK
6			9313.000	35.537	25.170	-18.463	54.000	10.367	AV

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB).

Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the RF reports.

The End